

Title (en)
OPTICAL FIBRE CABLE

Title (de)
FASEROPTISCHES KABEL

Title (fr)
CABLE À FIBRE OPTIQUE

Publication
EP 2758820 B1 20200812 (DE)

Application
EP 12774941 A 20120917

Priority
• DE 102011113683 A 20110920
• EP 2012068270 W 20120917

Abstract (en)
[origin: CA2848234A1] The invention relates to a fiber-optic cable, in particular for use in a borehole, comprising at least one optical waveguide (2), at least one metal tube (1) that surrounds the at least one optical waveguide (2) at least in some sections, and at least one additional layer that surrounds the at least one tube (1) at least in some sections, wherein the fiber-optic cable has separating means that can contribute to or cause mechanical decoupling of individual components of the fiber-optic cable.

IPC 8 full level
G02B 6/44 (2006.01); **E21B 47/12** (2012.01)

CPC (source: EP)
E21B 47/135 (2020.05); **G02B 6/4432** (2013.01); **G02B 6/4416** (2013.01)

Citation (examination)
• US 6907170 B1 20050614 - MAIDA JR JOHN L [US]
• DE 4342151 A1 19950614 - RHEYDT KABELWERK AG [DE]
• US 2009060430 A1 20090305 - REED DONALD [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102012108830 A1 20130321; **DE 102012108830 B4 20150820**; CA 2848234 A1 20130328; CA 2848234 C 20191001;
CN 103814321 A 20140521; CN 103814321 B 20180102; EP 2758820 A1 20140730; EP 2758820 B1 20200812; WO 2013041494 A1 20130328

DOCDB simple family (application)
DE 102012108830 A 20120919; CA 2848234 A 20120917; CN 201280045693 A 20120917; EP 12774941 A 20120917;
EP 2012068270 W 20120917